

AMENDMENTS TO THE CLAIMS:

The following listing of claims will replace all prior versions of claims in the application:

1-16. (Canceled)

17. (Previously Presented) A method for managing a data communications network comprising:

- starting a network management application program;
- starting an access database adapter in communication with said network management application program;
- starting a master daemon in communication with said access database adapter;
- starting a control adapter with said master daemon;
- monitoring said control adapter with said master daemon until said control adapter stops;
- restarting said control adapter with said master daemon should said control adapter ever stop;
- starting at least one service with said control adapter, said service including a service adapter in communication with said control adapter and said access database adapter; and
- starting a monitor interface adapter, said monitor interface adapter in communication with said control adapter, said service adapter, said access database adapter, and an umbrella management system.

18. (Original) A method in accordance with claim 17, further comprising:

- publishing at said control adapter, said service adapter and said access database adapter network management information events on to an information bus;

subscribing at said monitor interface adapter to said network management information events;

receiving said network management information events at said monitor interface adapter;
 converting said network management information events into umbrella management system information useable by said umbrella management system; and
 communicating said umbrella management system information to said umbrella management system.

19. (Original) A method in accordance with claim 18, further comprising:
 publishing events at said monitor interface adapter on to said information bus.

20. (Currently Amended) A data communications network comprising:
a first processor including:

a network management application,

an access database adapter in communication with said network management application and an information bus, said access database adapter publishing events onto said information bus, and

a database in communication with said network management application and said access database adapter;

and

a monitor interface ~~in a data communications network, said monitor interface in~~
 communication with an said information bus and an umbrella management system, said monitor interface comprising:

an adapter that subscribes to and captures network management events off of said information bus,

a converter in communication with said adapter that formats said events into umbrella management system information, and

a forwarder in communication with said converter that conveys said umbrella management system information to said umbrella management system.

21. (Currently Amended) The data communications network as defined in claim 20, wherein said monitor interface further comprises:

~~A monitor interface in accordance with claim 20, further comprising:~~

a filter in communication with said adapter, said filter selecting certain information from certain network management events.

22. (Currently Amended) The data communications network as defined in claim 20, wherein said monitor interface further comprises:

~~A monitor interface in accordance with claim 20, further comprising:~~

a publisher in communication with said adapter, said publisher transmitting events across said information bus.

23. (Previously Presented) A data communications network comprising:

a first processor including:

a network management application,

an access database adapter in communication with said network management application and an information bus, said access database adapter publishing events onto the information bus, and

a database in communication with said network management application and said access database adapter;

a second processor including:

a control adapter in communication with said information bus, said control adapter publishing events onto the information bus,

a service adapter in communication with said information bus and said control adapter, said service adapter started by said control adapter service, said service adapter publishing events onto the information bus, and

at least one service running on said second processor, said service in communication with said service adapter;

and

a monitor interface including:

a monitor interface adapter in communication with said information bus, said monitor interface adapter subscribing to and capturing events published by said access database adapter, said control adapter, and said service adapter,

a converter in communication with said monitor interface adapter, said converter converting said events into umbrella management system information, and

a forwarder in communication with said converter, said forwarder conveying said network management information to an umbrella management system.

24-27. (Canceled)

28. (Currently Amended) A program storage device readable by a machine tangibly embodying a program of instructions executable by the machine to perform a method for managing a data communications network, the method comprising:

- starting a network management application program;
- starting an access database adapter in communication with said network management application program;
- starting a master daemon in communication with said access database adapter;
- starting a control adapter with said master daemon;
- monitoring said control adapter with said master daemon until said control adapter stops;
- restarting said control adapter with said master daemon should said control adapter ever stop;
- starting at least one service with said control adapter, said service including a service adapter in communication with said control adapter and said access database adapter; and
- starting a monitor interface adapter, said monitor interface in communication with said control adapter, said service adapter, said access database adapter, and an umbrella management system.

29. (Original) A method in accordance with claim 17, wherein said master daemon is defined as a parent process and said control adapter is defined as a child process of the master daemon.

30 and 31. (Canceled)

32. (Previously Presented) The method of claim 29, further comprising:
selecting certain information from certain network management events, said filter in
communication with said adapter.

33. (Previously Presented) The method of claim 29, further comprising:
transmitting events across said information bus by a publisher in communication with
said adapter.

34 and 35. (Canceled)

36. (Previously Presented) The method of claim 33, further comprising:
filtering said network management information events to communicate selected
information in said events to said umbrella management system.

37 and 38. (Canceled)

39. (New) A data communications network comprising:

a first processor means including:

a network management application module running on said first processor means,

and

means, in communication with said network management application module and

an information bus, for publishing events onto said information bus;

and

a second processor means including:

a monitor interface module running on said second processor means, said monitor interface module in communication with said information bus and an umbrella management system, said monitor interface comprising:

means for subscribing to and capturing network management events off of said information bus, and

means, in communication with said means for subscribing, for converting said network management events into umbrella management system formatted information.

40. (New) The data communications network as defined in claim 39, wherein said monitor interface module further comprises:

means, in communication with said means for converting, for forwarding said umbrella management system formatted information to said umbrella management system.

41. (New) The data communications network as defined in claim 39, wherein said monitor interface module further comprises:

means, in communication with said means for subscribing and capturing, for filtering certain information from certain network management events.

42. (New) The data communications network as defined in claim 39, wherein said monitor interface module further comprises:

means, in communication with said means for subscribing and capturing, for publishing events across said information bus.